

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139879.D
 Acq On : 19 Oct 2024 18:46
 Operator : RC/JU
 Sample : P4425-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 21 01:42:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

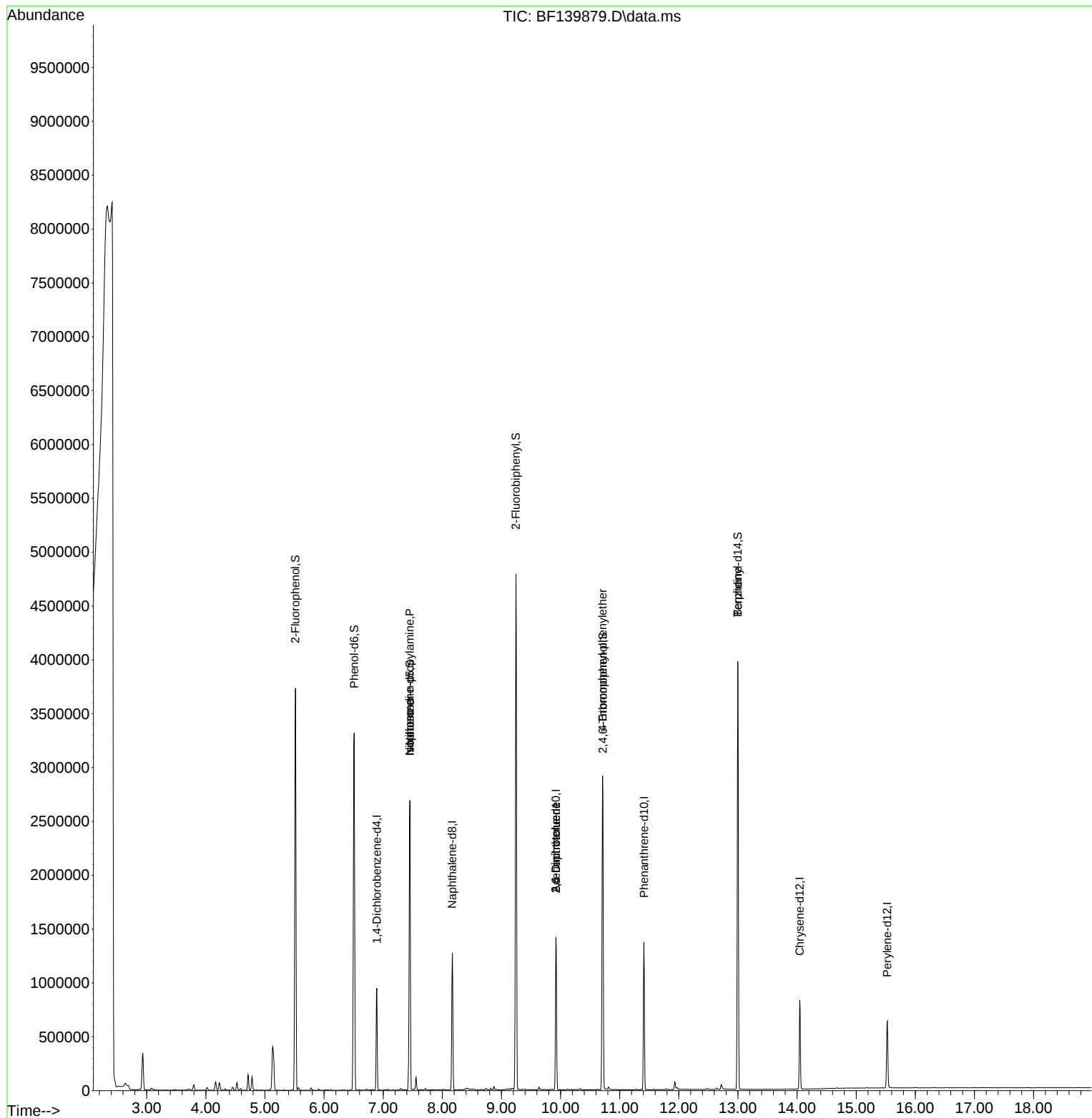
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	195941	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	751190	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	414555	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	687642	20.000	ng	0.00
76) Chrysene-d12	14.045	240	376430	20.000	ng	0.00
86) Perylene-d12	15.527	264	359501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1432673	114.465	ng	0.02
7) Phenol-d6	6.510	99	1706543	105.273	ng	0.00
23) Nitrobenzene-d5	7.451	82	1222677	90.210	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	521120	134.392	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2135225	85.125	ng	0.00
79) Terphenyl-d14	12.998	244	1972518	85.386	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	170351	17.327	ng	# 77
25) Isophorone	7.451	82	1220315	47.437	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	54858	9.812	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	54858	7.979	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	34267	4.837	ng	# 1
77) Benzydine	12.998	184	24902	4.023	ng	# 93

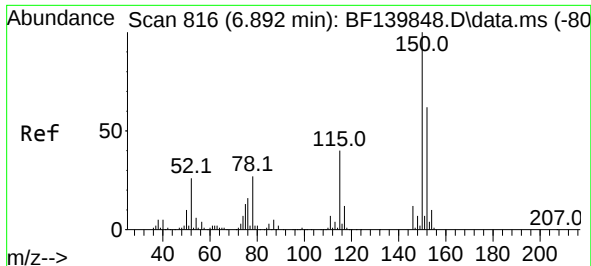
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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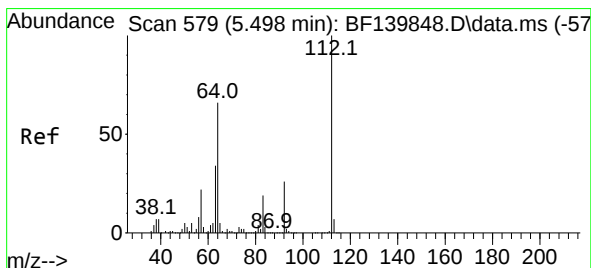
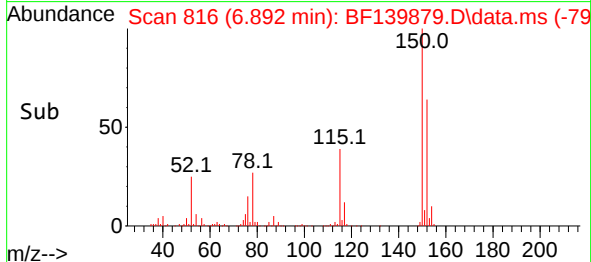
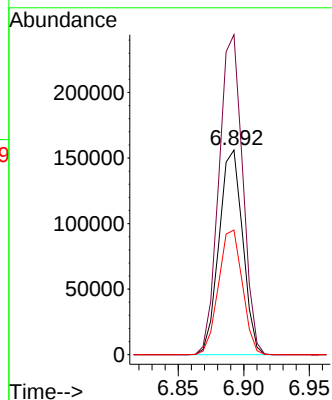
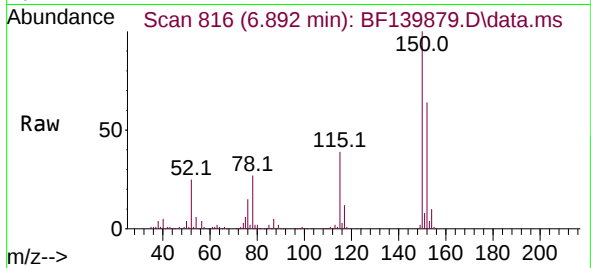




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

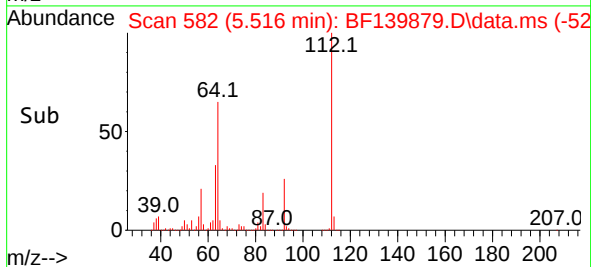
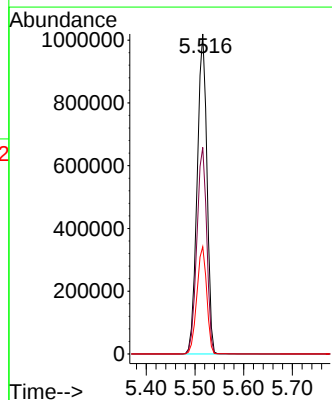
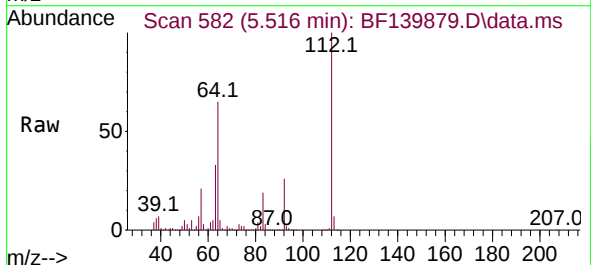
Instrument :
BNA_F
ClientSampleId :
TP-5

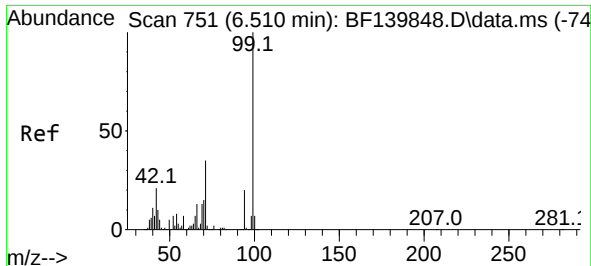
Tgt Ion:152 Resp: 195941
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 60.9 51.4 77.2



#5
2-Fluorophenol
Concen: 114.465 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:112 Resp: 1432673
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.5 27.0 40.4



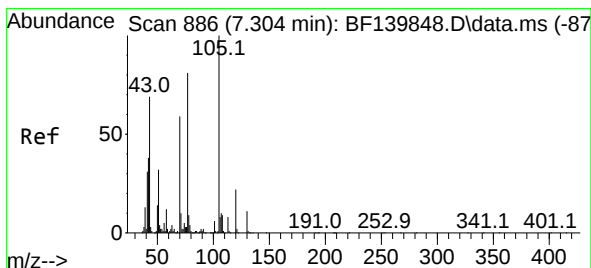
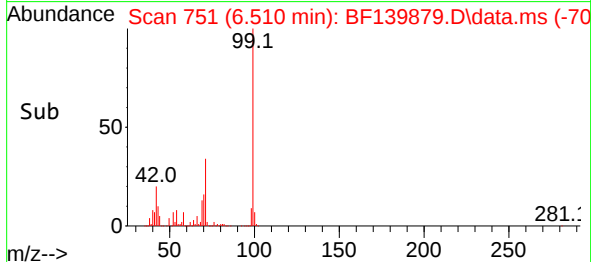
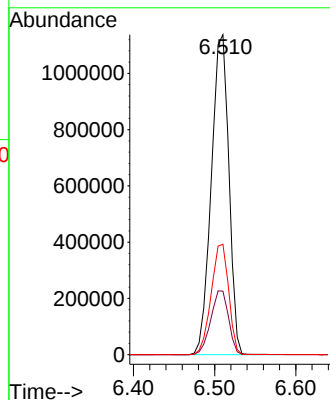
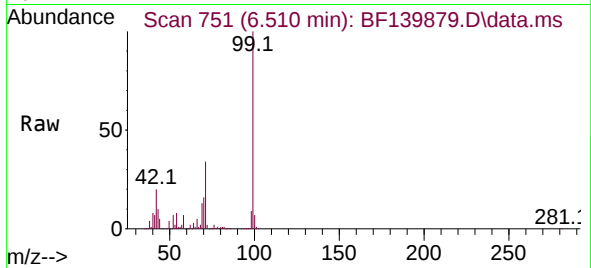


#7
Phenol-d6
Concen: 105.273 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 1706543

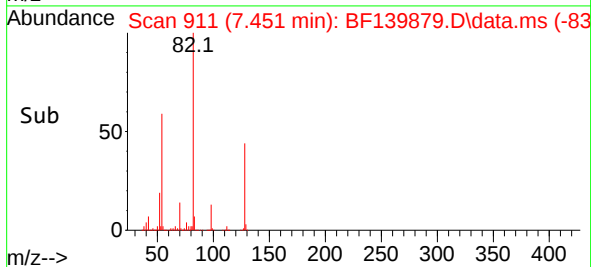
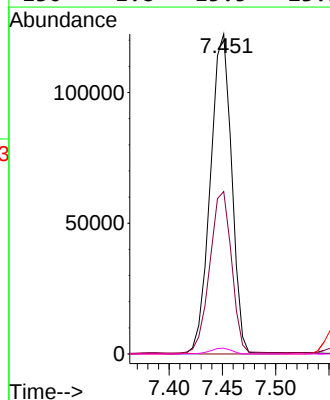
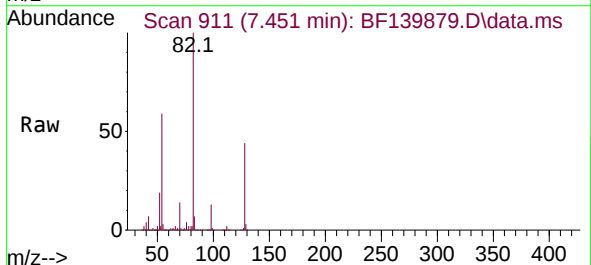
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.7	25.1
71	34.5	27.7	41.5

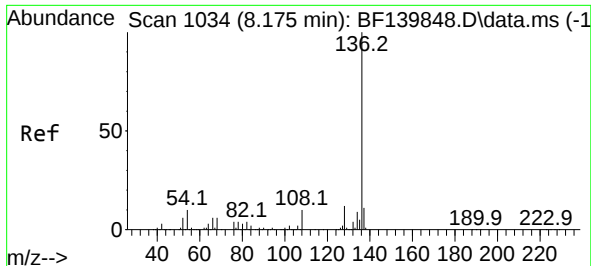


#19
n-Nitroso-di-n-propylamine
Concen: 17.327 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion: 70 Resp: 170351

Ion	Ratio	Lower	Upper
70	100		
42	50.8	51.5	77.3#
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#



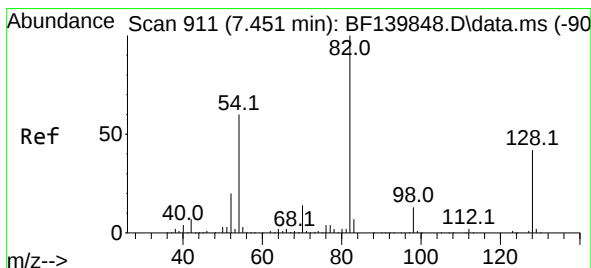
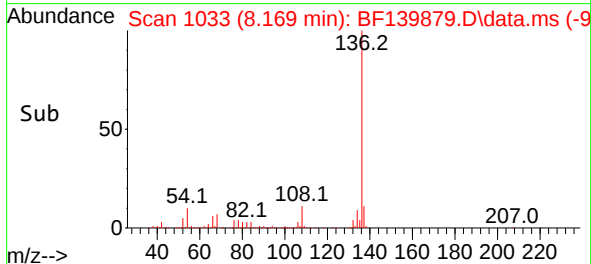
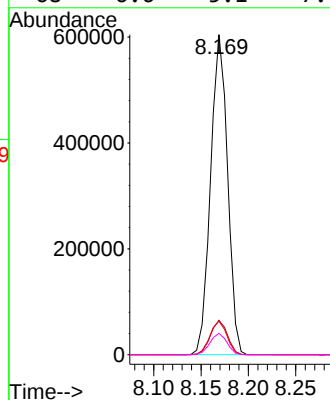
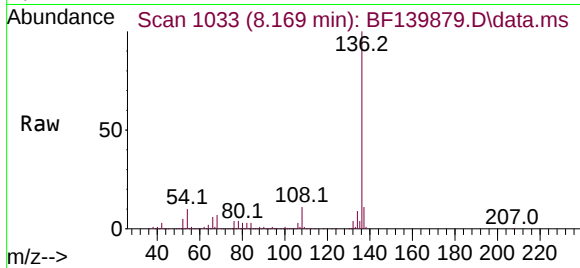


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Instrument :
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ClientSampleId :
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Tgt Ion:136 Resp: 751190

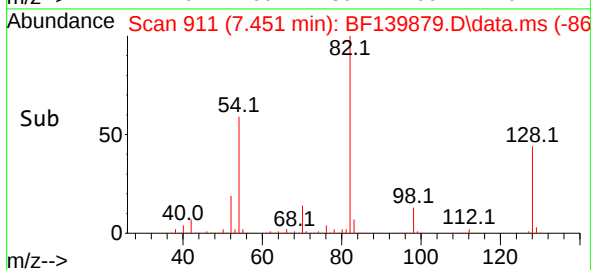
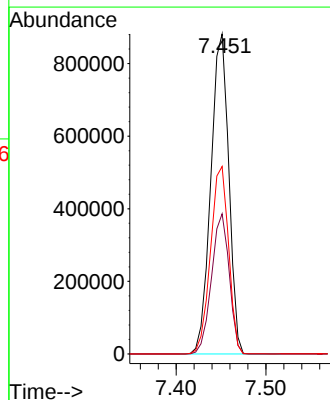
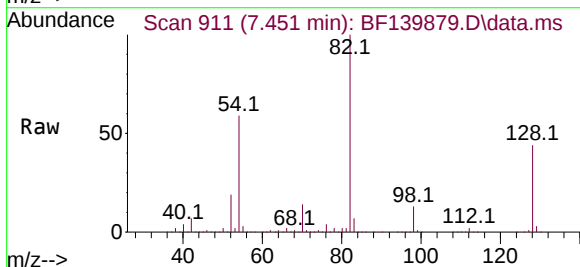
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.5	8.4	12.6
68	6.6	5.1	7.7

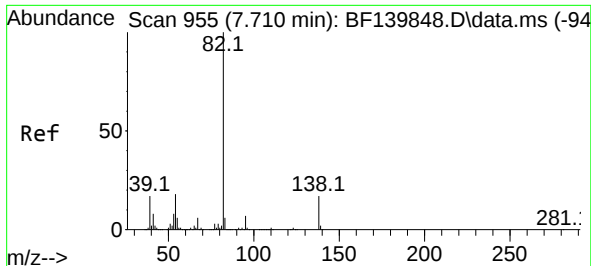


#23
Nitrobenzene-d5
Concen: 90.210 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion: 82 Resp: 1222677

Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.4	50.0
54	58.6	47.8	71.8

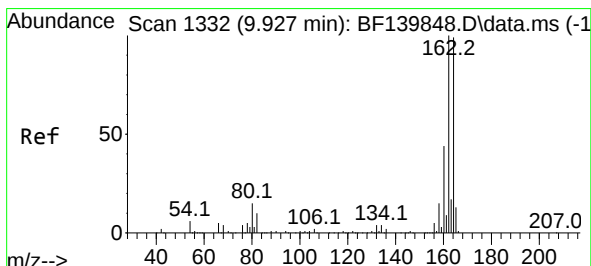
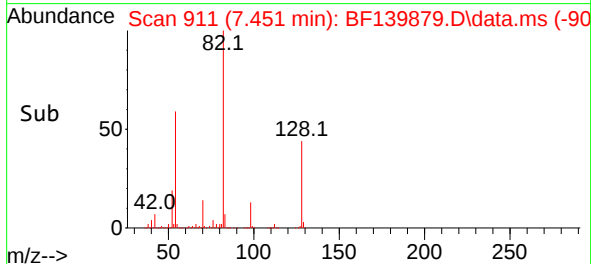
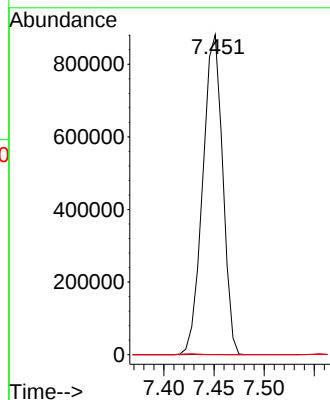
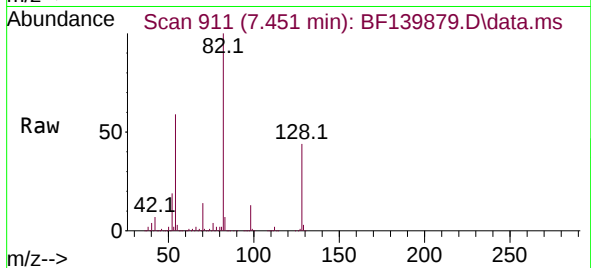




#25
Isophorone
Concen: 47.437 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

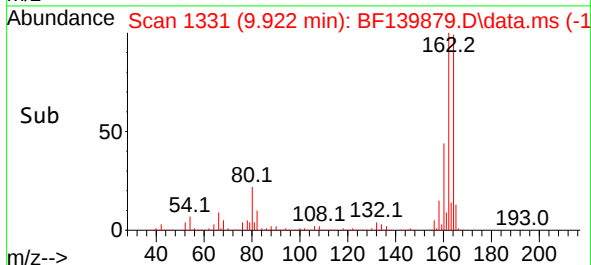
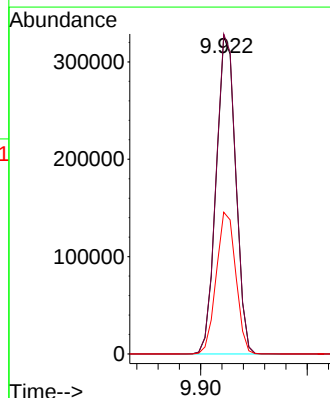
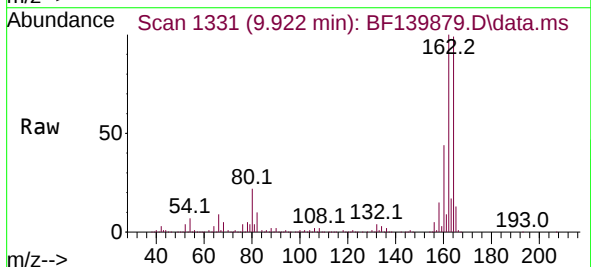
Instrument :
BNA_F
ClientSampleId :
TP-5

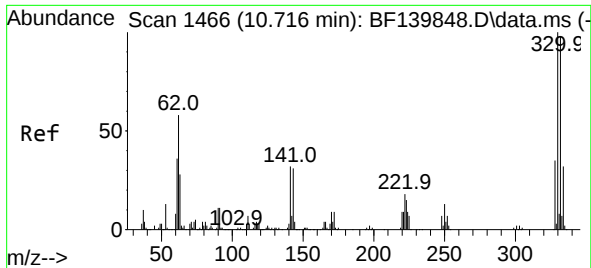
Tgt Ion: 82 Resp: 1220315
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion: 164 Resp: 414555
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.7 35.4 53.0

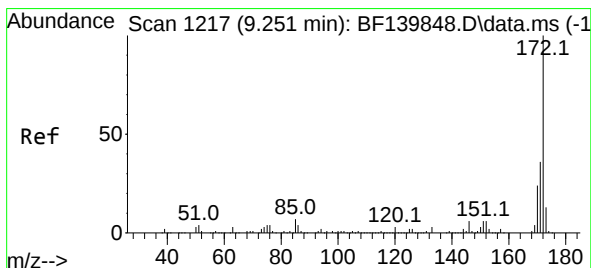
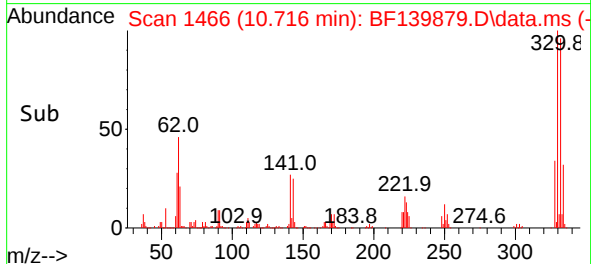
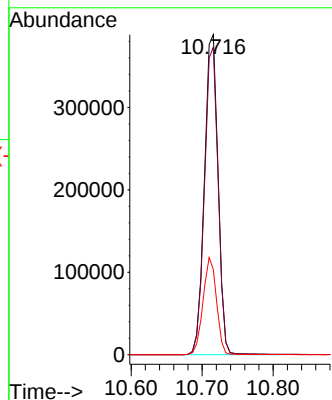
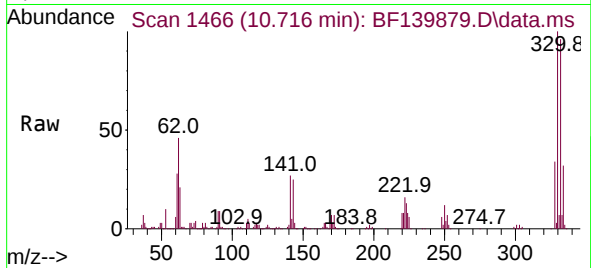




#42
2,4,6-Tribromophenol
Concen: 134.392 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

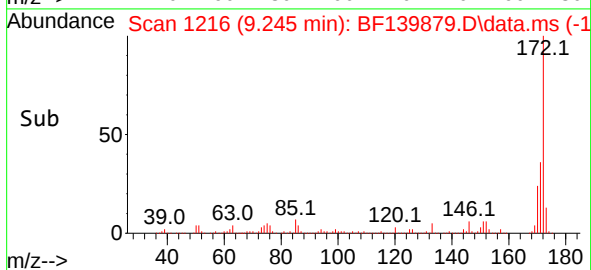
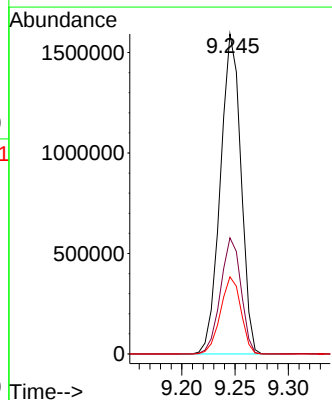
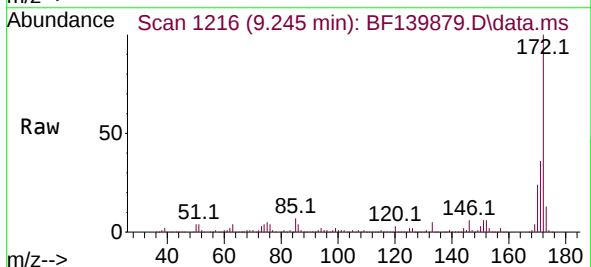
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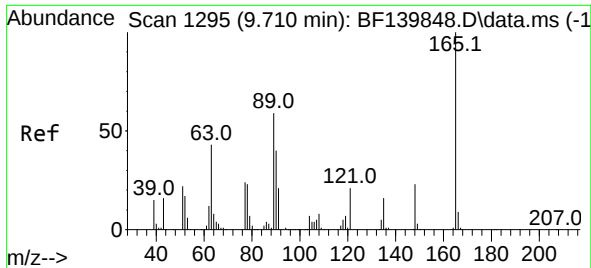
Tgt Ion:330 Resp: 521120
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 85.125 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:172 Resp: 2135225
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.1 19.1 28.7

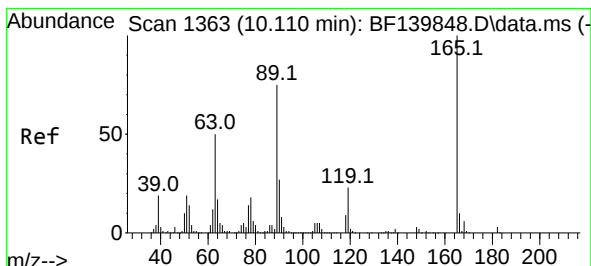
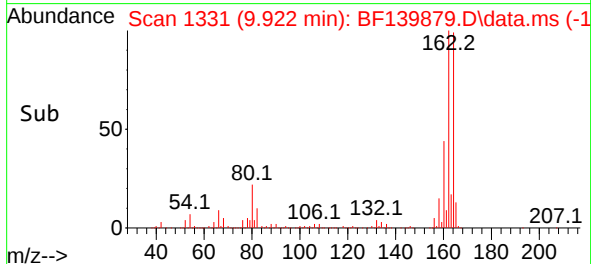
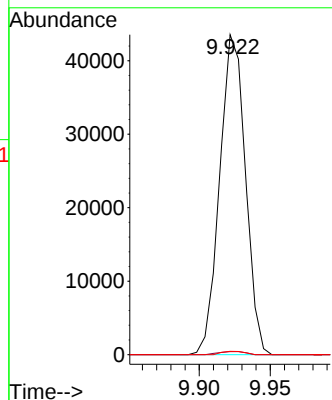
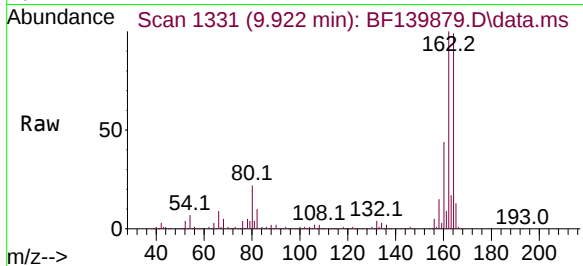




#51
2,6-Dinitrotoluene
Concen: 9.812 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

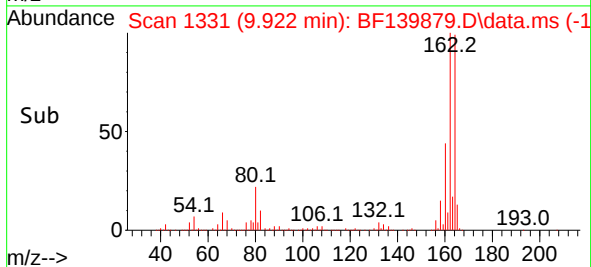
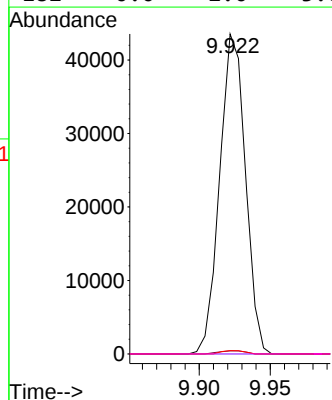
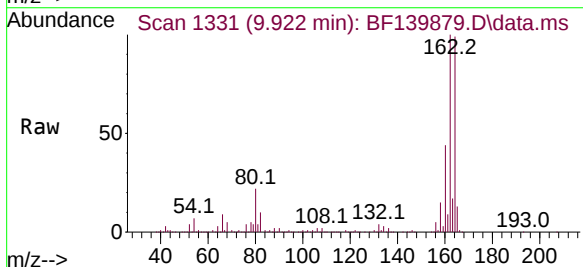
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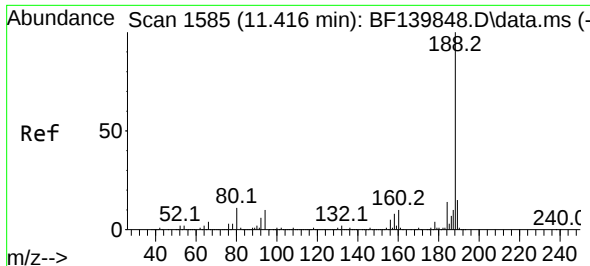
Tgt Ion:165 Resp: 54858
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.979 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:165 Resp: 54858
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

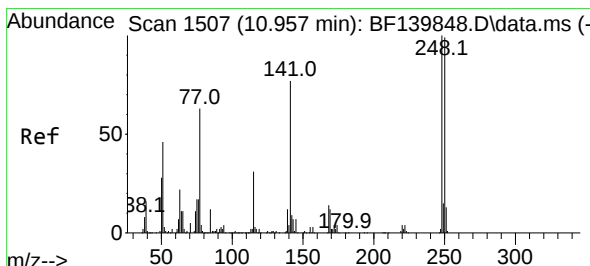
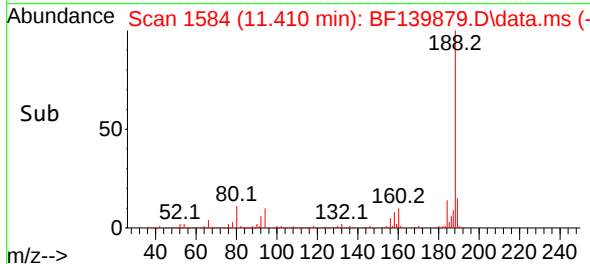
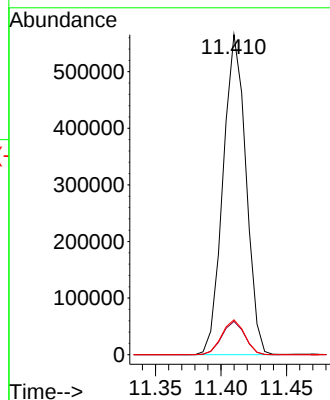
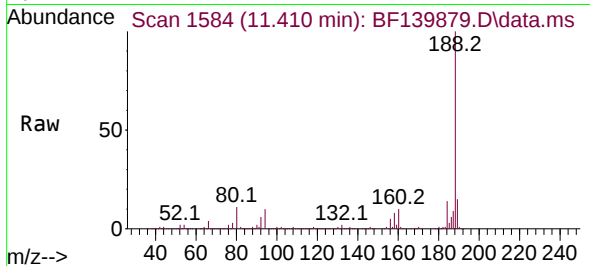




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

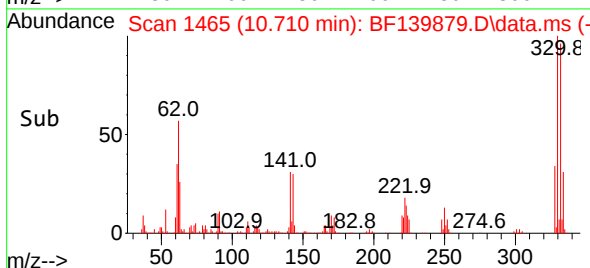
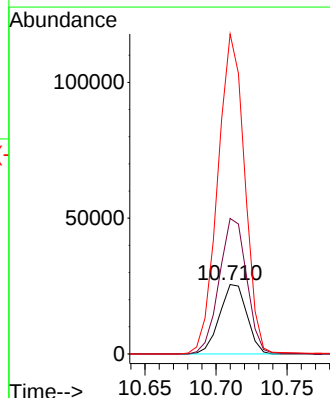
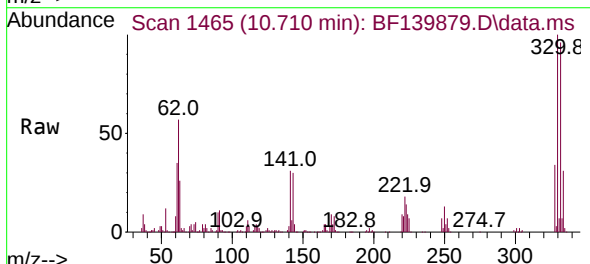
Instrument :
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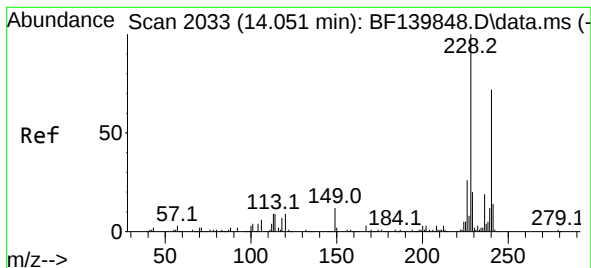
Tgt Ion:188 Resp: 687642
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 10.9 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.837 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:248 Resp: 34267
Ion Ratio Lower Upper
248 100
250 195.2 79.0 118.6#
141 461.0 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139879.D

Acq: 19 Oct 2024 18:46

Instrument :

BNA_F

ClientSampleId :

TP-5

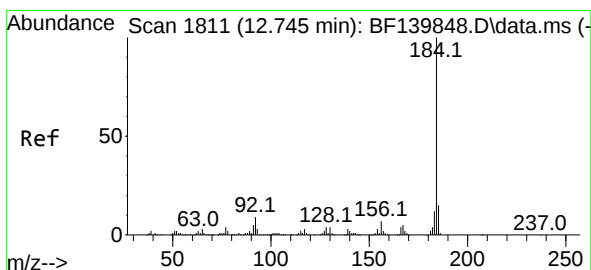
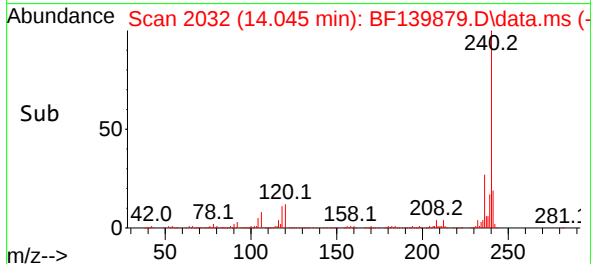
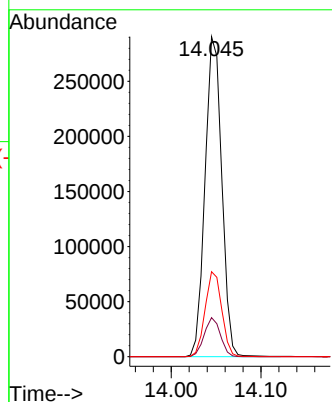
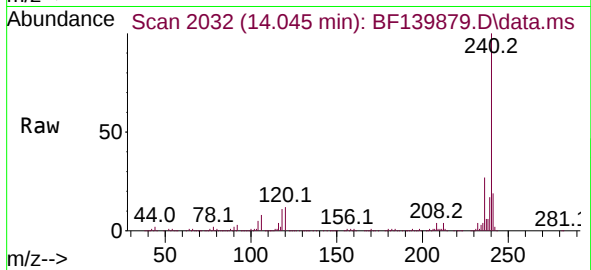
Tgt Ion:240 Resp: 376430

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 26.5 20.9 31.3



#77

Benzidine

Concen: 4.023 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139879.D

Acq: 19 Oct 2024 18:46

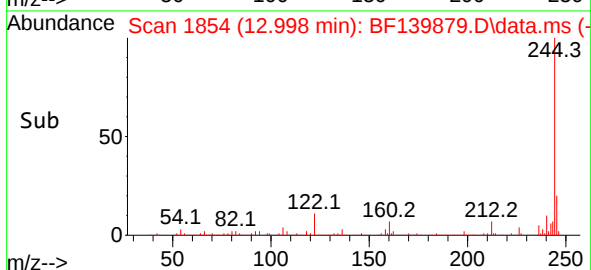
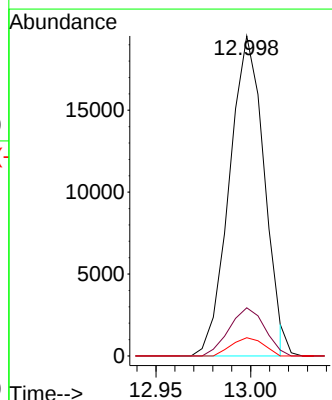
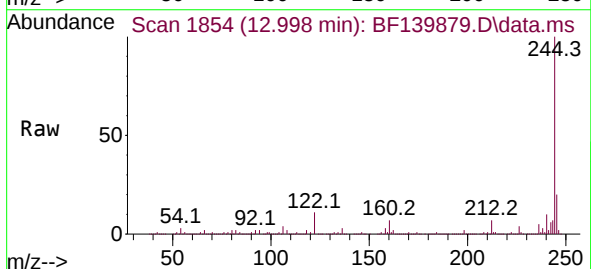
Tgt Ion:184 Resp: 24902

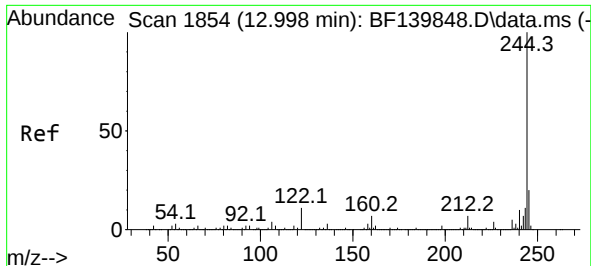
Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 5.7 9.4 14.2#

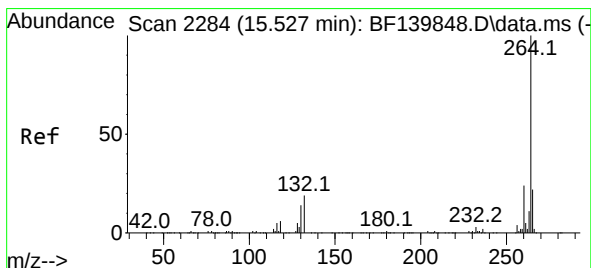
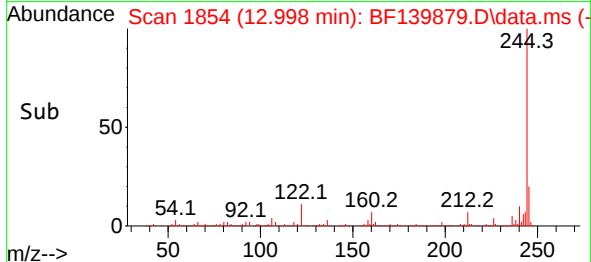
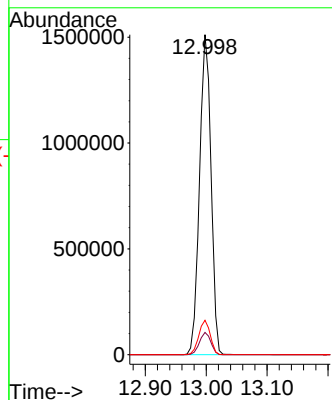
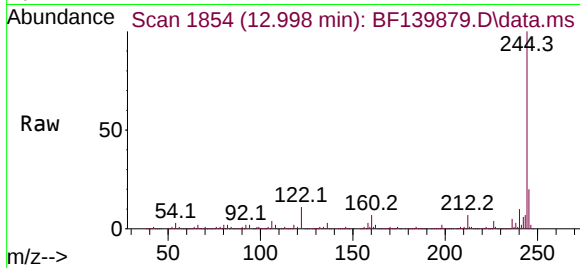




#79
 Terphenyl-d14
 Concen: 85.386 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139879.D
 Acq: 19 Oct 2024 18:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1972518
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139879.D
 Acq: 19 Oct 2024 18:46

Tgt Ion:264 Resp: 359501
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.2 17.4 26.0

